

JB2 JUNCTION BOX

INSTRUCTIONS



COLLINGWOOD
LIGHTING LTD

SPECIFICATION

- For low voltage connections only, maximum 48V.
- Waterproof. IP68 to a maximum depth of 2 metres
- To maintain IP rating use H05RN-F 2x0.75mm or 2x1.0mm cable for all connections.
- Suitable for series wiring only
- Maximum load 34W

DIAGRAM 1

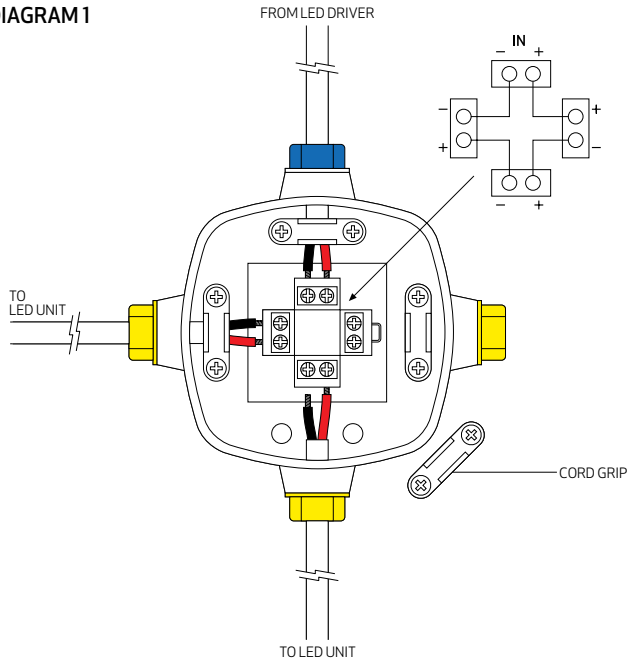
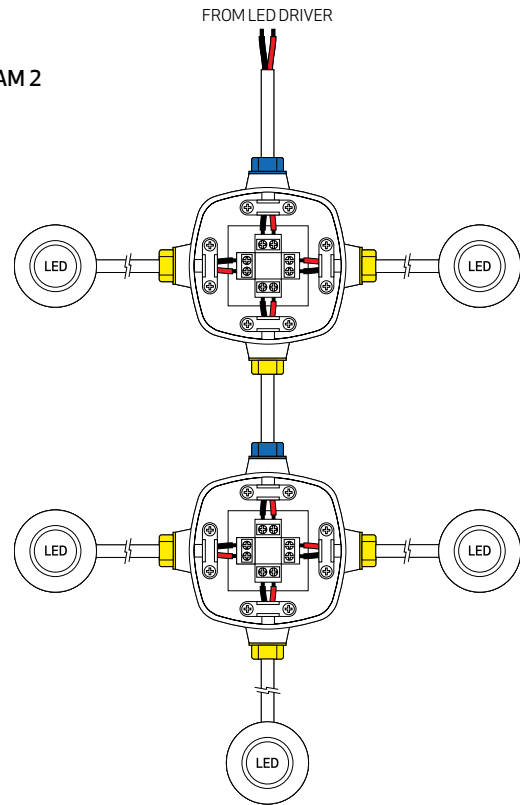


DIAGRAM 2



1. Isolate mains supply. Failure to do this could result in damage to the LED units.
2. Remove the cover from the JB2.
Note - (a) there is one input and three output positions.
(b) all +ve and -ve terminals are marked.
3. Remove the hollow blue nut and rubber grommet from the input position.
NOTE - The grommet has one smooth side and one recessed side.
4. Strip the outer cable from the LED driver by approximately 10 to 12mm and the inner wires by approximately 5mm.
5. Feed the hollow blue nut over the cable from the LED driver.
6. Pierce the grommet and feed it over the cable recessed side first.



7. Unscrew the cord grip screws at the input position, and remove the cord grip.
8. Feed the cable through the housing, connect the +ve wire from the driver to the +ve terminal, and the -ve wire to the -ve terminal.
9. Refit the cord grip and tighten the cord grip screws.
10. Push the grommet into the housing, ensuring it stays on the outer insulation of the cable.
11. Fit the hollow blue nut and tighten it firmly.
12. Connect the LED units to each output position by removing each hollow yellow nut in turn and following the same procedure described in steps 3 to 9 above.
NOTE - (a) if an output position is to be left unused, leave the hollow yellow nut and grommet undisturbed.
(b) a wire bridge is fitted across each of the output terminals. This bridge must be left in place for unused positions. The bridge is discarded when connecting an LED unit into the terminals.
13. Refit the JB2 cover and firmly tighten the screws.

CONNECTING MULTIPLE JB2'S

Any output position can be connected to the input position of another JB2. See diagram 2 above. An output from the second junction box can then be connected to the input of a third JB2 etc.